| Index | of | Claims |
|-------|----|--------|
| Index | of | Claims |



Application/Control No.

10/510,604

Prem C. Singh

Examiner

Applicant(s)/Patent under Reexamination

TAYLOR, SPENCER EDWIN

Art Unit

1764

Rejected Allowed

(Through numeral) Cancelled

Restricted

Non-Elected N

Interference

**Appeal** 0 Objected

| Cla          | aim      | Date Claim Date |              |          |               |              |              |          |                |  | ır |              |          |                |              |              |          |          |              |              |  |              |          |
|--------------|----------|-----------------|--------------|----------|---------------|--------------|--------------|----------|----------------|--|----|--------------|----------|----------------|--------------|--------------|----------|----------|--------------|--------------|--|--------------|----------|
|              |          |                 |              |          | <del></del> ` |              | Ī            | Г        | <u> </u>       | Π  |    | 0,0          |          |                |              |              | i        | <u> </u> | Ĭ-           |              |  | $\Box$       |          |
| Final        | Original | 10/17/06        |              |          |               |              |              |          |                |  | ,  | Final        | Original | 10/17/06       |              |              |          |          |              |              |  |              |          |
|              | 1        | -               |              |          |               |              |              |          |                |  | ]  |              | 51       | 1              |              |              |          |          |              |              |  |              |          |
|              | 2        | •               |              |          |               |              |              |          |                |  |    |              | 52       | 1              |              |              |          |          |              |              |  |              |          |
|              | 3        | <u>  - </u>     | L.           |          | <u> </u>      | L            | <u> </u>     |          |                |  |    |              | 53       | 1              |              |              | _        | _        | <u>_</u>     |              |  |              |          |
|              | 4        | <u> </u>        | _            |          | L             | _            | $oxed{oxed}$ |          | <u> </u>       | <u> </u>   | Į  |              | 54       | 1              |              |              |          |          | <u> </u>     |              | _  |              |          |
| $\square$    | 5        | <u> </u>        |              | L        | _             |              | <u> </u>     | _        | _              | <u> </u>   |    |              | 55       | 1              |              |              |          | <u> </u> | _            |              | _  | _            |          |
|              | 6        | <u> </u>        | _            | _        | <u> </u>      | _            | _            | _        |                |  |    |              | 56       | -              | _            | _            | <u> </u> | <u> </u> | L            | <u> </u>     | $ldsymbol{ldsymbol{eta}}$                        | _            | -        |
| 1            | 7        | <u>  -</u>      |              | <u> </u> |               | <u> </u>     | <u> </u>     | _        | <u> </u>       | <u> </u>   |    |              | 57       | 1              |              | _            | _        | <u> </u> | -            | i            | _  | _            | -        |
| -            | 8        | -               | _            | <u> </u> | ⊢             |              | ┝            | -        | _              | ⊢  | -  |              | 58       | =              | _            | _            |          | ┝        | ⊢            | _            | _  |              | i        |
| $\vdash$     | 9        | -               | _            | <u> </u> | ┝             | ┢            | ⊢            | H        | <del> </del> — | -  | -  |              | 59<br>60 | =<br>√         | -            |              | $\vdash$ |          |              | -            | _  |              | l        |
| $\vdash$     | 10<br>11 | -               | <del> </del> | ┝        |               | <del> </del> | -            | H        | $\vdash$       | H  | 1  | _            | 61       | 1              | H            | -            |          | $\vdash$ | ┢            | $\vdash$     | _  |              | 1        |
|              | 12       | -               | ├            | -        |               | -            |              | $\vdash$ | $\vdash$       | ⊢  | 1  |              | 62       | 1              |              |              | -        | $\vdash$ | $\vdash$     |              | -  | -            | l        |
| -            | 13       | -               | $\vdash$     | ┢        | -             | $\vdash$     | <del> </del> | -        | -              | -  | 1  |              | 63       | 1              | <del> </del> | —            | $\vdash$ | $\vdash$ | $\vdash$     | $\vdash$     | -  |              |          |
| $\vdash$     | 14       | -               | -            | $\vdash$ | $\vdash$      | $\vdash$     | $\vdash$     | $\vdash$ | -              | $\vdash$   | 1  |              | 64       | 1              | $\vdash$     | _            | $\vdash$ | -        | $\vdash$     |              | $\vdash$   |              |          |
|              | 15       | -               | -            | $\vdash$ |               | H            |              | $\vdash$ | $\vdash$       | <del>                                     </del> | 1  |              | 65       | 1              |              | _            | <u> </u> | -        | 一            | _            | $\vdash$   | Ι-           | l t      |
|              | 16       | -               | _            |          |               | t            | t            |          | $\vdash$       | <del>                                     </del> | İ  |              | 66       | 1              |              |              | Т        | Г        | T            | 一            | $\vdash$   | $\vdash$     |          |
|              | 17       | -               |              | _        |               | <u> </u>     | T            |          |                |  | 1  |              | 67       | 1              |              | <u> </u>     | _        |          | <b> </b>     |              |  |              |          |
|              | 18       | -               |              |          |               |              | П            |          | Ι_             | T  | 1  |              | 68       | 1              |              |              | Г        |          |              |              |  |              |          |
|              | 19       | -               | T            | $\vdash$ |               | T            | _            | T        |                |  | 1  |              | 69       | 1              | Г            |              |          |          |              |              | _  |              | ĺ        |
|              | 20       | -               |              |          |               | T            | Г            |          | Г              | Γ  | 1  |              | 70       | 1              |              |              |          |          | П            |              |  |              | ĺĺ       |
|              | 21       | -               |              |          |               |              |              |          | Г              | Г  | 1  |              | 71       | 1              |              |              |          |          |              | Γ            |  |              |          |
|              | 22       | -               |              |          |               | Ī            |              | Г        |                | Г  |    |              | 72       | 1              |              |              |          |          | П            |              |  |              |          |
|              | 23       | ·               |              |          |               |              |              |          |                |  | ]  |              | 73       | V              |              |              |          |          |              |              |  |              |          |
|              | 24       |                 |              |          |               |              |              |          |                |  | ]  |              | 74       | 1              |              |              |          |          |              |              |  |              |          |
|              | 25       | ·               |              | L        |               | L            |              |          |                |  | ]  |              | 75       | 1              |              |              |          |          | L            |              |  |              |          |
| $oxed{oxed}$ | 26       | Ŀ               | _            | _        |               |              | L            | <u> </u> |                | _  | 1  |              | 76       | 1              |              |              |          |          |              | _            | lacksquare                                       |              |          |
|              | 27       | Ŀ               | <u> </u>     | _        | 匚             | _            | _            | _        |                | <u> </u>   |    |              | 77       | _              |              | <u> </u>     |          | _        | $oxed{oxed}$ | L            | _  |              |          |
| <u></u>      | 28       | ·               |              | <u> </u> | <u> </u>      | _            | <u> </u>     | <u> </u> | <u> </u>       | Ļ  | 1  |              | 78       | L              | _            | L            | L        | L.       | <u> </u>     |              | _  | <u> </u>     |          |
| <u> </u>     | 29       | Ŀ               | <u> </u>     | <u> </u> | <u> </u>      | <u> </u>     | <u> </u>     | ļ_       | _              | _  |    |              | 79       | _              |              |              |          | _        | -            | <u> </u>     | _  | <u> </u>     |          |
| $\vdash$     | 30       | <u>  -</u>      |              | _        | _             | <u> </u>     | _            | <u> </u> | <u> </u>       | _  |    | <u> </u>     | 80       | <u> </u>       | _            | _            |          | _        | <u> </u>     | _            | <u> </u>   | _            | <b>!</b> |
| -            | 31       | ŀ               | <u> </u>     | ┡        | ⊢             | ⊢            | ┡            | ┡        | <b>├</b> -     | ┞  | -  | <u> </u>     | 81       | ┡              | <u> </u>     | _            | _        | ⊢        | -            | ⊢            | <del> </del>                                     | <u> </u>     | 1 }      |
| }            | 32       | -               | ├            | ├        | $\vdash$      | $\vdash$     | $\vdash$     | $\vdash$ | $\vdash$       | $\vdash$   | 1  | <u> </u>     | 82       | -              |              | -            | -        | H        | -            | $\vdash$     | $\vdash$   | ⊢            |          |
| -            | 33<br>34 | -               |              | -        | -             | ₩            | -            | +        | -              | $\vdash$   | 1  | <u> </u>     | 83<br>84 | -              | -            | <del> </del> |          | -        | $\vdash$     | <del> </del> |  | $\vdash$     | ╽╶├      |
| -            | 35       | ŀ               | $\vdash$     | ├-       |               | ╌            | -            | ╁        | ╁              | ┢  | ┨  | -            | 85       | ├              | ┝            | ⊢            | ┝        |          | ┼            | $\vdash$     | $\vdash$   | $\vdash$     | ╽╶┟      |
| -            | 36       | ŀ               | ⊢            | -        | $\vdash$      | +-           | $\vdash$     | ┼-       | +              | $\vdash$   | ┨  |              | 86       | $\vdash$       | $\vdash$     | $\vdash$     | $\vdash$ | $\vdash$ | -            | ├            | -  | -            | 1 1      |
|              | 37       | <u>:</u>        | $\vdash$     | $\vdash$ | $\vdash$      | -            | -            | ┼~       | +              | $\vdash$   | ┨  | $\vdash$     | 87       | $\vdash$       | $\vdash$     | $\vdash$     | $\vdash$ | $\vdash$ | -            | ├-           | ┢╌   | -            | 1 1      |
| <u> </u>     | 38       | Ė               | H            | H        | -             | +            | $\vdash$     | $\vdash$ | ╁              | ╁  | 1  | <del> </del> | 88       | <del>  -</del> | -            | $\vdash$     | $\vdash$ | $\vdash$ | $\vdash$     | $\vdash$     | $\vdash$   | -            |          |
| -            | 39       | -               | $\vdash$     | Н        | $\vdash$      | $\vdash$     | $\vdash$     | $\vdash$ | +-             | ╁  | 1  | <del> </del> | 89       | $\vdash$       | $\vdash$     | $\vdash$     | $\vdash$ | $\vdash$ | $\vdash$     | $\vdash$     | $\vdash$   | $\vdash$     | 1 1      |
| -            | 40       | -               | $\vdash$     | $\vdash$ | $\vdash$      | 1            | $\vdash$     | $\vdash$ | -              | $\vdash$   | 1  | <del></del>  | 90       | t              | $\vdash$     | $\vdash$     | H        | Η-       | +-           | +-           | <del>                                     </del> | <del> </del> | 1 1      |
| $\vdash$     | 41       | -               |              | Н        | $\vdash$      | t            | H            | t        | t              | <del>                                     </del> | 1  |              | 91       | 1              | $\vdash$     | $\vdash$     | T        | Т        |              |              | t  | $\vdash$     | 1 1      |
|              | 42       | ١.              | $\vdash$     |          |               | Т            | 一            | 1        | $\vdash$       | <del>                                     </del> | 1  | 1            | 92       |                | Г            | $\vdash$     | Т        | Г        | $\vdash$     |              | T  | T            | 1        |
|              | 43       | ١.              |              | Т        | Т             | T            | T            |          | Т              | T-   | 1  |              | 93       | T              |              |              |          | Г        |              |              |  | Г            |          |
|              | 44       | -               |              | Г        | 1             | T            | Τ            | Τ        | T              | I  | 1  |              | 94       |                |              | Γ            |          | Π        | Π            | Γ            | $\Box$   | П            | 1        |
|              | 45       | -               |              |          |               |              |              |          |                |  | 1  |              | 95       |                |              |              |          | Г        |              |              |  |              | ]        |
|              | 46       | -               |              | Г        | Γ             |              | Π            | T        | Т              | Π  | 1  |              | 96       | $\Gamma$       | Ī            |              |          |          |              |              |  |              | ]        |
|              | 47       | 1               |              |          |               | Ĺ            |              | Γ        |                |  | ]  |              | 97       |                | Ĺ            |              |          |          |              |              |  | L            | ]        |
|              | 48       | 1               |              |          |               |              |              |          |                |  | ]  |              | 98       |                |              |              |          |          |              |              | L  |              | ] [      |
|              | 49       | ٧               |              |          |               |              |              | Г        |                |  | ]  |              | 99       |                |              |              |          |          |              |              |  |              | ] [      |
|              | 50       | 1               | Γ            |          | Г             |              | Г            | Γ        | Γ              |  | 1  |              | 100      |                | Γ            |              | Γ        |          |              | _            |  |              |          |

| Cla      | Claim          |                                       |                |              |          | Jate     | <del>,</del> |          |          |                |
|----------|----------------|---------------------------------------|----------------|--------------|----------|----------|--------------|----------|----------|----------------|
| Final    | Original       | 10/17/06                              |                |              |          |          |              |          |          |                |
|          | 51             | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ |                |              |          |          |              |          |          |                |
|          | 52<br>53       | <del>'</del>                          | -              | H            | Н        |          |              | _        |          | $\dashv$       |
|          | 53             | ΙŸ                                    |                | _            | _        | _        | _            |          |          | -              |
|          | 54<br>55       | V                                     |                |              |          |          |              |          |          | _              |
|          | 55             | <u>۷</u>                              | _              |              |          |          |              |          |          | $\blacksquare$ |
|          | 56             | ١                                     | <u> </u>       | _            |          |          |              |          |          | Щ              |
|          | 57<br>58       | 1                                     | _              |              | Ш        |          |              |          |          | Ш              |
|          | 58             | =                                     | <u> </u>       |              |          |          |              |          |          | Ш              |
|          | 59             | =                                     |                |              |          |          |              |          |          |                |
| L        | 60             | 1                                     |                |              |          |          |              |          |          |                |
|          | 61             | 1                                     |                |              |          |          |              |          |          |                |
|          | 62             | 7                                     |                |              |          |          |              |          |          |                |
|          | 63             | V                                     |                |              |          |          |              |          |          |                |
|          | 63<br>64       | 1                                     |                |              |          |          |              |          |          |                |
|          | 65             | 1                                     |                |              |          |          |              |          |          |                |
|          | 66             | 1                                     | $\vdash$       | Г            |          |          |              |          |          | $\Box$         |
|          | 67             | 1                                     |                | <u> </u>     | _        |          |              |          |          | П              |
|          | 68             | V                                     |                |              | Н        |          | _            |          |          | П              |
|          | 69             | 1                                     | H              | 1            |          |          |              |          |          | $\vdash$       |
|          | 70             | j                                     | $\vdash$       | _            | $\vdash$ | _        | _            | _        | _        | Н              |
| 1        | 71             | j                                     | <del> </del>   | _            |          | $\vdash$ | -            |          | _        | -              |
| -        | 71<br>72       | 1                                     | ╁              | -            | Н        | $\vdash$ |              | $\vdash$ | -        | Н              |
| -        | 73             | ij                                    | ├              |              | -        | -        | H            |          |          | Н              |
| -        | 74             | 1 1 1                                 | -              | -            | -        | _        | H            | _        | -        | Н              |
| -        | 74<br>75       | 1                                     | -              |              |          |          | $\vdash$     |          |          | Н              |
|          | 76             | 1                                     |                | -            |          |          | -            |          |          | Н              |
| -        | 77             | <del> `</del>                         | ┢              | -            | -        | -        | $\vdash$     | $\vdash$ | $\vdash$ | Н              |
| -        | 76<br>77<br>78 | ├-                                    | -              | ⊢            | $\vdash$ | _        | $\vdash$     | _        | _        | Н              |
|          | 70             | ⊢                                     | -              | ⊢            | $\vdash$ |          | -            | _        | -        | Н              |
| -        | 79<br>80       | ⊢                                     |                | -            |          | -        | -            | -        | -        | Н              |
| <u> </u> | 00             |                                       | -              | ├-           |          | -        | -            | _        | -        | Н              |
| -        | 81             | ⊢                                     | ⊢              | ⊢            | -        | H        | _            | <u> </u> | -        | Н              |
| <u> </u> | 82<br>83       | -                                     |                | <del> </del> | -        | <u> </u> | -            | <u> </u> | _        | Н              |
| -        | 83             | <del> </del>                          | -              | ├—           |          | <u> </u> | <del> </del> | ├        |          | Н              |
| 1        | 84             | <del> </del>                          | <del> </del> — | ├-           | <u> </u> | <b> </b> | <u> </u>     | $\vdash$ | $\vdash$ | Н              |
| <u> </u> | 85             | $\vdash$                              | <u> </u>       | <u> </u>     | $\vdash$ | <u> </u> |              | <u> </u> |          |                |
| <u> </u> | 86             | 1                                     | $\vdash$       | _            | _        | <u> </u> | <u> </u>     | <u> </u> | <u> </u> | Щ              |
|          | 87<br>88       | <del> </del>                          | <u> </u>       | <u> </u>     | <u> </u> | <u> </u> | <u> </u>     | <u> </u> | ⊢        | $\vdash$       |
|          | 88             | ⊢                                     | <u> </u>       | <u> </u>     | <u> </u> | <u> </u> | <u> </u>     | <u> </u> | ⊢        | $\vdash$       |
| <u></u>  | 89             | $\vdash$                              | _              | ┞            | <u> </u> | <u> </u> | <u> </u>     | <u> </u> | <u> </u> | Щ              |
|          | 90<br>91       | <del> </del>                          | $\vdash$       |              | <u> </u> | <u> </u> | <u> </u>     | <u> </u> | <u> </u> | Ш              |
|          | 91             | <b>L</b>                              | <u> </u>       | <u> </u>     | <u> </u> | <u> </u> | <u> </u>     | _        | <u> </u> | _              |
| L        | 92             | lacksquare                            | <u> </u>       | $\vdash$     |          |          | _            | <u> </u> | _        | Ц.             |
| <u></u>  | 93             | Ļ                                     | _              | ـــــ        | <u> </u> |          | L_           | <u> </u> | <u> </u> | _              |
| <u></u>  | 94             | _                                     | 1_             | <u> </u>     | <u> </u> |          |              | L        | L_       |                |
|          | 95             | <u> </u>                              |                | _            | <u> </u> |          | _            | <u></u>  |          | _              |
| <u></u>  | 96             | <u> </u>                              |                |              |          |          | <u> </u>     | <u> </u> |          |                |
|          | 97             |                                       |                |              |          | L        | 匚            |          | L        |                |
|          | 98             |                                       |                |              |          |          |              |          |          |                |
|          | 99             | Ĺ                                     |                |              |          |          |              | L        | L        |                |
|          | 100            |                                       | Г              |              | П        |          |              | I        |          |                |

|          | ,                 |          |                |          |          |          |             |          |          |                 |
|----------|-------------------|----------|----------------|----------|----------|----------|-------------|----------|----------|-----------------|
| Cli      | aim               |          |                |          |          | Date     | <del></del> |          |          | $\neg$          |
| Final    | Original          |          |                |          |          |          |             |          |          |                 |
|          | 101               |          |                |          |          |          |             |          |          |                 |
|          | 102<br>103        |          |                |          |          |          |             |          |          |                 |
|          | 103               |          |                |          |          |          |             |          |          | $\Box$          |
|          | 104               | Ш        |                | _        | _        | _        | _           |          | _        | $\dashv$        |
|          | 105               | Н        |                |          |          | _        |             |          | _        | $\dashv$        |
|          | 106<br>107        | H        |                | $\vdash$ |          |          |             |          |          | Н               |
| -        | 108               | $\vdash$ | _              | $\vdash$ | _        | _        | $\vdash$    | _        | _        | $\dashv$        |
|          | 109               | H        |                |          |          |          |             |          | _        | Н               |
|          | 110               |          |                |          |          |          |             |          |          | П               |
|          | 111<br>112        |          |                |          |          |          |             |          |          |                 |
|          | 112               | $\Box$   |                |          |          |          |             |          |          |                 |
|          | 113<br>114<br>115 |          | _              | _        |          | <u> </u> | L           | _        | _        | Ш               |
|          | 114               | Н        | <u> </u>       |          |          |          |             |          | _        | Н               |
|          | 115               |          | $\vdash$       |          | _        |          |             | -        | -        | H               |
|          | 116<br>117        | -        | ├              | -        |          | ┢        | H           |          |          | Н               |
|          | 118               |          | -              | H        | H        | ┢╌       | <u> </u>    |          | _        | Н               |
|          | 118<br>119        |          |                |          |          |          |             | $\vdash$ |          | Н               |
|          | 120               |          |                |          |          |          |             | $\vdash$ |          | П               |
|          | 121<br>122<br>123 |          |                |          |          |          |             |          |          |                 |
|          | 122               | <u> </u> | _              |          | _        | _        | <u>_</u>    | 匚        |          | Ш               |
|          | 123               | _        |                | _        | _        | _        | _           | <u> </u> | _        | Ш               |
|          | 124               | H        |                |          | ⊢        | _        | <u> </u>    | <u> </u> |          | -               |
|          | 124<br>125<br>126 | ├        | <del> </del> — | -        | $\vdash$ | $\vdash$ | $\vdash$    | ⊢        | ⊢        | Н               |
|          | 127               | 一        |                |          | $\vdash$ | $\vdash$ |             | $\vdash$ |          | Н               |
|          | 127<br>128        |          |                |          |          |          |             | Г        | Г        |                 |
|          | 129<br>130        |          |                |          |          |          |             |          |          |                 |
|          | 130               |          |                |          |          |          |             |          |          | Ц               |
|          | 131               | _        | <u> </u>       | _        | _        | <u> </u> | _           |          | _        | Ш               |
|          | 132               | <u> </u> | <u> </u>       | <u> </u> | <u> </u> | ļ        | <u> </u>    | ļ        | -        | Н               |
|          | 133<br>134        |          | -              | _        | $\vdash$ | <u> </u> | <b> </b>    | -        |          | Н               |
|          | 135               | $\vdash$ | $\vdash$       | $\vdash$ | ┢        | -        | $\vdash$    | ┝        | -        | $\vdash \vdash$ |
|          | 135<br>136        | 一        | -              | -        | $\vdash$ |          | $\vdash$    | -        | $\vdash$ | $\vdash$        |
|          | 137               | İ        |                |          |          |          |             |          | Г        | П               |
|          | 138               |          |                |          |          |          |             |          |          |                 |
|          | 139               | _        | _              | _        |          |          | _           |          |          | Щ               |
|          | 140               | $\vdash$ | <u> </u>       | <u> </u> | <u> </u> |          | <u> </u>    | _        | _        |                 |
|          | 141               |          | ⊢              |          | $\vdash$ |          | _           | _        | ├-       | Ш               |
|          | 142               | ╁        | -              | $\vdash$ | _        | $\vdash$ | $\vdash$    | $\vdash$ | $\vdash$ |                 |
|          | 144               | $\vdash$ | _              | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$    | $\vdash$ | -        | $\vdash$        |
| $\vdash$ | 145               | 1        | $\vdash$       | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$    | -        | -        | $\vdash$        |
|          | 146               | 1        | -              | Г        |          |          |             |          |          |                 |
|          | 147               |          |                |          |          |          |             |          |          |                 |
|          | 148               |          |                | 匚        |          |          | 匚           |          |          | П               |
|          | 149               | <u> </u> | <u> </u>       | L        | L        |          | <u>Ļ</u> .  | _        | _        | Ш               |
| L        | 150               | <u>L</u> | L_             | L_       | L_       | _        |             | L.,      | <u></u>  | Ш               |